

B.E CIVIL

Mapping of Course Outcome and Programme Outcome

		Course Name	PO1	PO2	PO3
YEAR I	SEMESTER I	Technical English			
		Engineering Mathematics I			
		Engineering Physics			
		Engineering Chemistry			
		Problem Solving and Python Programming	✓	✓	✓
		Basic Sciences Laboratory			
		Problem Solving and Python Programming Laboratory	✓	✓	✓
	SEMESTER II	Engineering Mathematics II			
		Engineering Graphics	✓		✓
		Basics of Electrical and Electronics Engineering	✓	✓	✓
		Engineering Mechanics	✓		✓
		Environmental Sciences			
		Audit Course I			
		Workshop Practices Laboratory	✓	✓	✓
		Electrical and Electronics Engineering Laboratory	✓	✓	✓
		Course Name	PO1	PO2	PO3
YEAR II	SEMESTER III	Transform Techniques and Partial Differential Equations			
		Engineering Geology	2	2	3
		Strength of Materials	3	3	3
		Fluid Mechanics	3	2	3
		Construction Materials, Techniques and Practices	3	2	3
		Elective – Humanities I			
		Strength of Materials Laboratory	3	2	
		Construction Materials Laboratory	3	3	

	SEMESTER IV	Water Supply Engineering	3	2	3
		Highway Engineering	3	3	3
		Plane and Geodetic Surveying	3	2	2
		Applied Hydraulic Engineering	3	3	2
		Structural Analysis - I	3	3	2
		Soil Mechanics	3	3	2
		Plane and Geodetic Surveying Laboratory	1	1	2
		Hydraulic Engineering Laboratory	3	3	2
		Course Name	PO1	PO2	PO
YEAR III	SEMESTER V	Elective – Humanities I			
		Foundation Engineering	2	3	3
		Structural Analysis - II	3	3	3
		Waste Water Engineering	3	2	3
		Design of Reinforced Cement Concrete Structures	3	3	3
		Professional Elective - I			
		Water and Waste Water Analysis Laboratory	2	2	2
		Soil Mechanics Laboratory	1	2	3
	SEMESTER VI	Design of Steel Structures	2	2	3
		Audit Course II			
		Railways, Airports and Harbour Engineering	3	3	3
		Professional Elective II			
		Professional Elective III			
		Open Elective – I			
		Building and Structural Drawing	3		
		Highway Engineering Laboratory		3	3
		Survey Camp (2 weeks)		1	2

		Course Name	PO1	PO2	PO
YEAR IV	SEMESTER VII	Principles of Management			
		Irrigation Engineering	3	2	
		Professional Elective IV			
		Professional Elective V			
		Open Elective – II			
		Summer Internship / Summer training (4 weeks)	2	3	3
		Irrigation and Environmental Engineering Drawing			
		Project I	3	2	1
	SEMESTER VIII	Estimation, Costing and Valuation Engineering	3	2	3
		Professional Elective VI			
		Professional Elective VII			
		Project II	3	2	2